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Amendment
Attorney Docket No. S63.2B-11232-US01

Amendments To The Claims:

Please cancel claims 1-16, 18-25 and 38 without prejudice.

1-16. (Canceled)

17. (Currently Amended) A medical device comprising a lubricious coating, the lubricious coating comprising an interpenetrating or semi-interpenetrating polymer network of at least one ethylenically unsaturated monomer, oligomer or prepolymer and at least one thermoplastic hydrophilic aliphatic polyether polyurethane comprising the residue of polytetramethylene ether glycol.

18.-25. (Canceled)

26. (Previously Presented) A medical device comprising a lubricious coating, said lubricious coating comprising at least one ethylenically unsaturated monomer, oligomer or prepolymer and at least one polyurethane capable of absorbing about 500% to about 2000% of its own weight in water, said at least one polyurethane comprising the residue of polytetramethylene ether glycol.

27. (Currently Amended) A medical device comprising a lubricious coating, said lubricious coating comprising at least one ethylenically unsaturated monomer, oligomer or prepolymer and at least one aliphatic polyether polyurethane wherein said at least one aliphatic polyether polyurethane ~~does not crosslink~~ is not crosslinked, and said at least one aliphatic polyether polyurethane comprises the residue of polytetramethylene ether glycol.

28. (Previously Presented) The medical device of claim 27 wherein said at least one ethylenically unsaturated monomer, oligomer or prepolymer comprises functional groups which are photochemically activatable.

29. (Previously Presented) The medical device of claim 28 further comprising at least one photoinitiator.

30. (Previously Presented) The medical device of claim 28 wherein said at least one ethylenically unsaturated monomer, oligomer or prepolymer comprises functional groups which are activatable by ultraviolet radiation.

31. (Previously Presented) The medical device of claim 27 wherein said at least one aliphatic polyether polyurethane is capable of absorbing about 100% to about 2000% of its own weight in

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water.

32. (Previously Presented) The medical device of claim 27 wherein said at least one aliphatic polyether polyurethane is capable of absorbing about 200% to about 2000% of its own weight in water.

33. (Previously Presented) The medical device of claim 27 wherein said at least one aliphatic polyether polyurethane is capable of absorbing about 500% to about 2000% of its own weight in water.

34. (Previously Presented) The medical device of claim 27 wherein said at least one ethylenically unsaturated monomer, oligomer or prepolymer comprises at least one member selected from the group consisting of mono-, di- and tri- acrylates, polyacrylates and mixtures thereof.

35. (Previously Presented) The medical device of claim 27 wherein said at least one ethylenically unsaturated monomer, oligomer or prepolymer is a diacrylate.

36. (Currently Amended) The medical device of claim ~~[[35]]~~ 34 wherein said at least one ethylenically unsaturated monomer, oligomer or prepolymer comprises at least one member selected from the group consisting of butyl (meth)acrylate, methyl (meth)acrylate, ethyl (meth)acrylate, propyl (meth)acrylate, octyl (meth)acrylate, heptyl (meth)acrylate, nonyl (meth)acrylate, hexyl (meth)acrylate, n-hexyl (meth)acrylate, isopropyl (meth)acrylate, isobutyl (meth)acrylate, decyl (meth)acrylate, isodecyl (meth)acrylate, lauryl (meth)acrylate, stearyl (meth)acrylate, behenyl (meth)acrylate and melissyl (meth)acrylate, methoxyethyl (meth)acrylate, hydroxyl ethyl (meth)acrylate, glycidyl (meth)acrylate, 2-ethylhexyl (meth)acrylate, 2-ethoxyethyl (meth)acrylate, ethylene glycol di(meth)acrylate, propylene glycol di(meth)acrylate, diethylene glycol di(meth)acrylate, polyethylene glycol di(meth)acrylate, 1,5-pentanediol di(meth)acrylate, neopentyl glycol di(meth)acrylate (NPG), 1,6-hexanediol (meth)acrylate, 1,6-hexandiol di(meth)acrylate, polyethylene glycol di(meth)acrylate, polypropylene glycol di(meth)acrylate, pentaerythritol tri(meth)acrylate, trimethylolpropane tri(meth)acrylate, trimethylolpropane dipentaerythritol penta(meth)acrylate, pentaerythritol tetra(meth)acrylate, triethylene glycol di(meth)acrylate, n-butyl (meth)acrylate, benzoin (meth)acrylate, glyceryl propoxy tri(meth)acrylate, 1,3-propylene glycol di(meth)acrylate, tripropylene glycol di(meth)acrylate, 1,3-butylene glycol di(meth)acrylate, 1,4-butanediol di(meth)acrylate, 1,6-

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hexanediol di(meth)acrylate, diethylene glycol di(meth)acrylate, triethylene glycol di(meth)acrylate, tetraethylene glycol di(meth)acrylate, methyl ethacrylate, ethoxylated bisphenol-A-di(meth)acrylate and mixtures thereof.

37. (Currently Amended) The medical device of claim ~~[[36]]~~ 35 wherein said at least one ~~crosslinkable material~~ diacrylate is selected from the group consisting of neopentyl glycol diacrylate, polyethylene glycol diacrylate and mixtures thereof.

38. (Canceled)

39. (Previously Presented) The medical device of claim 27 wherein said medical device is a catheter assembly.

40. (Previously Presented) The medical device of claim 39 wherein said lubricious coating is on a guide wire, dilatation balloon, catheter shaft or combination thereof.

41. (Previously Presented) The medical device of claim 17 wherein said at least one hydrophilic polyurethane further comprises the residue of polyethylene oxide or the residue of polyethylene glycol.

42. (Previously Presented) The medical device of claim 27 wherein said at least one hydrophilic polyurethane further comprises the residue of polyethylene oxide or the residue of polyethylene glycol.

43. (Previously Presented) The medical device of claim 28 wherein said at least one hydrophilic polyurethane further comprises the residue of polyethylene oxide or the residue of polyethylene glycol.